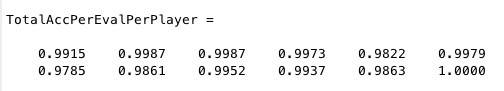
Overall Accuracy for each evaluation(mean across all folds across all players)

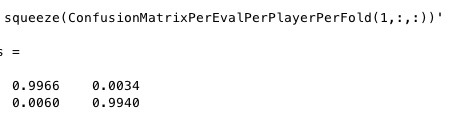


Overall Accuracy for each evaluation for each player mean class (n and not n, where n=player) don’t need this, it’s in Confusion Matrixes



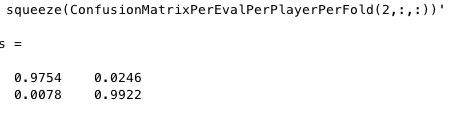
Confusion Matrix for Eval 1 for one vs

(Output horizontal, Label vertical)



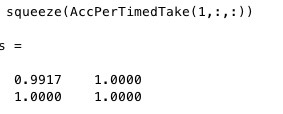
Confusion Matrix for Eval 2

(Output horizontal, Label vertical)



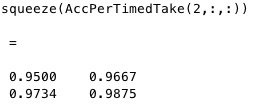
Accuracy for each SubGroup Eval 1

(TimedUntimed Vertical Take1Take2 Horizontal)

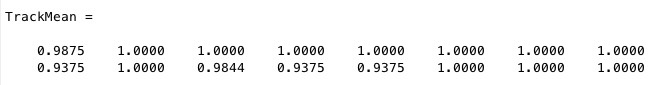


Accuracy for each SubGroup Eval 2

(TimedUntimed Vertical Take1Take2 Horizontal)



Mean Score Per Track for each Eval



In the order of tracks

1: Hom (H)

2: Ban (R)

3: Coo (R)

4: Mai (R)

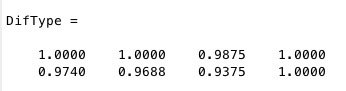
5: Bann (J)

6: Mor (J)

7: Wild 1

8: Wild 2

Mean Score for Track Types per eval: (R,J,H,W)



Notes!!

The Accuracy for the sub group mean, track means and track type means are only the percentage that should have been 1’s that are 1’s. It does not include the 0’s that have been wrongly classified as you cant tell what sub group, track or track type that the wrong 1 classified too!

Procedure Notes

CNN:

../../../Desktop/Screen%20Shot%202017-04-05%20at%2002.26.52.pdf

Adam optimizer

0.03 learning rate

100 minimum, stop if validation or train loss increases

250 mini-batch size

0.25 dropout val

zero padding conv layers

500 frame snippets (5 seconds)

Datasplit sizes:

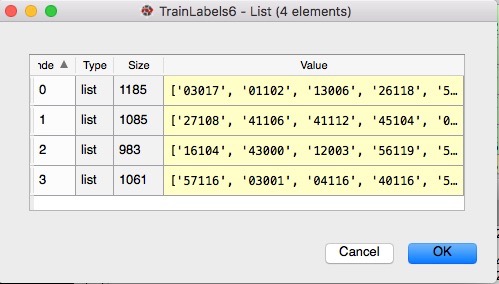
4 folds. 2 tracks tested per fold (6/2 split) (1/2 test ½ val)

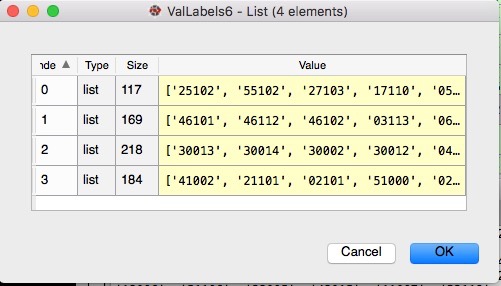
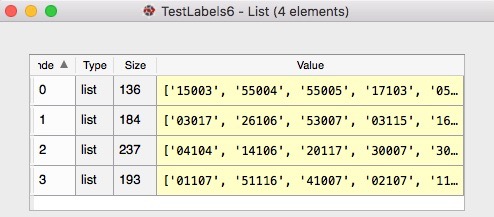
6 players

2 evaluations

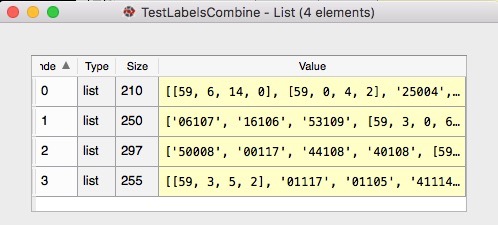
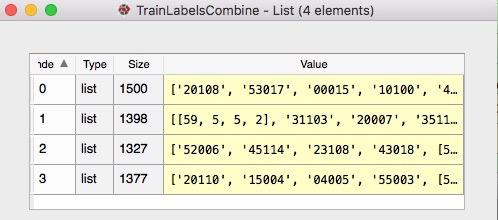
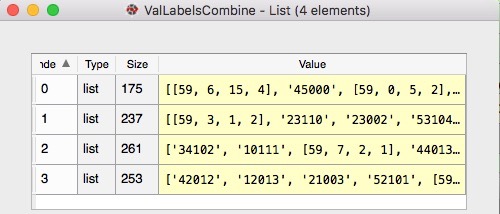
48 CNN in total

Eval 1

1/6 of tracks are the classified player

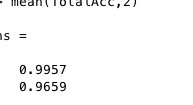


Eval 2

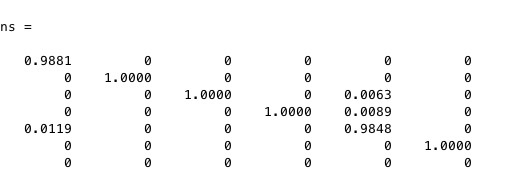
1/7-1/8 (roughly) of tracks are the classified player

7 class results

Mean per Eval



Confusion Matrix Eval 1 (6 players, no other)



Confusion Matrix Eval 2 1 vs 6 vs all (6 players and other (all))

